

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/34494

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : HO4L 9/00 US CL : 713/160 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 713/160, 153, 155, 165, 169-171, 200; 705/51, 55-57; 380/232, 259, 281, 285, 43 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EAST, NPL, Internet Search		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,765,152 A (ERICKSON) 9 June 1998, Abstract, fig.s 1A, 4, 5, 6, col. 3 lines 18-67, col. 4 lines 1-15, 35-45, col. 8 lines 20-30, col. 9 lines 41-60.	1-3
Y	US 6,226,618 B1 (DOWNS et al.) 01 May 2001, Abstract, figs. 1(A-D), 3-6, col. 9 lines 45-67, col. 12 lines 35-60, col. 21 lines 44-67.	1-3
A	US 5,995,625 A (SUDIA et al.) 30 November 1999, Entire Document.	1-3
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
* Special categories of cited documents:		
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Date of the actual completion of the international search 12 January 2005 (12.01.2005)	Date of mailing of the international search report 31 JAN 2005	
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Authorized officer <i>for Michael L. Egan</i> Andrew Caldwell Telephone No. 305-3900	